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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 4 — 2 — APRIL, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1955, averaged 44,287 barrels daily, a decrease of 131 barrels from the average March production of 44,418.

The ten refineries in the State processed 49,465 barrels of crude oil daily for the month of April, a decrease of 7,282 barrels daily from the 56,747 barrels processed daily during the month of March.

During April, 15 wells were completed, 7 oil, no gas wells and 8 dry holes.

During April, the Commission issued 28 permits to drill new wells, an increase of 12 from the 16 permits issued during March.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1955

	TOTAL
IN STORAGE APRIL 1ST:	
By Producers	259,079
By Transporters	428,250
By Refiners	297,740
TOTAL STORAGE	985,069
PRODUCED DURING MONTH	1,328,635
TOTAL	2,313,704
DISPOSITION:	
Refined in Montana	743,777
Shipped to Other States	527,902
Used for Fuel or Lost	22,757
TOTAL	1,294,436
IN STORAGE APRIL 30TH:	
By Producers	268,119
By Transporters	375,872
By Refiners	375,277
TOTAL STORAGE	1,019,268

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1955

Field	M. Cu. Ft.
Bears Den	2,744
Big Wall	159
Bowdoin	272,522
Bowes	70,669
Box Elder	5,808
Cedar Creek	185,463
Cut Bank (Includes Reagan)	1,013,426
Dry Creek	194,022
East Poplar	3,427
Golden Dome	48,997
Hardin	8,276
Keith Block	72,820
Kevin-Sunburst	84,779
Ragged Point	40
Utopia	47,117
West Sumatra	1,926
Whitlash Area	156,855
TOTAL	2,169,050

Total withdrawals for April, 1954 were 2,853,631 M. Cu. Ft.

PRODUCERS REPORT—Month of April, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	694	6,035		5,643		1,086
1	Bannatyne	1		416		243		173
11	Big Wall	23	2,628	23,865		22,823	171	3,499
4	Border	8		932		932		
10	Bowes	75	4,376	46,755	46,292			4,839
1	Brady-Midway	1	167	100		121		146
1	Brorson (Sidney Area)	2	2,470	5,944	6,227			2,187
1	Cabin Creek	12	4,920	52,550	50,798		1,997	4,675
27	Cat Creek	82	4,159	12,346	11,434			5,071
1	Clark's Fork	1	1,141	1,374		1,784		731
315	Cut Bank	1,089	119,382	225,002	223,132		4	121,248
3	Deer Creek	7	1,624	16,853	16,391			2,086
	Devil's Basin		875					875
5	Dry Creek	7	1,424	16,047	15,337			2,134
20	Elk Basin	59	8,730	110,884	114,120			5,494
2	Fertile Prairie	3	513	3,981		2,751		1,743
2	Frannie	2	293	1,120	1,057			356
1	Gage	1	817	224		501		540
5	Glendive	13	4,403	52,967	52,764			4,606
1	Golden Dome	1	390	433		493		330
1	Hardin Area	3	1,009	2,921		3,118		812
1	Ivanhoe Dome	2	278	2,080		1,967		391
218	Kevin-Sunburst	1,496	16,508	96,889	96,326		600	16,471
1	Lake Basin	1	1,717	57			147	1,627
1	Little Beaver	2	1,904	7,512		5,483	839	3,094
2	East Little Beaver	2	1,741	2,940		2,831		1,850
3	Melstone	5	2,287	6,109		6,780		1,616
3	Mosser	5		1,053		1,053		
2	Pine Unit Area	21	8,366	86,493	83,637		2,395	8,827
74	Pondera	312	16,627	33,272	33,104			16,795
54	Poplar Area	57	18,322	312,135	266,784	39,636	195	23,842
4	Northwest Poplar	5	1,771	3,838		3,578		2,031
2	Ragged Point	3	1,635	1,392		2,020		1,007
2	Reagan	39	2,257	17,721	17,921			2,057
6	Richey	10	4,675	12,656		14,024		3,307
	Sand Creek							
1	Southwest Richey	2	1,368	8,827		8,554		1,641
3	Soap Creek	8	3,014	7,258		7,364	80	2,828
17	Sumatra	52	10,696	135,200		133,939	30	11,927
4	Sweetgrass Hills	4	808	327		303		832
	Wibaux Area		645					645
9	Whitlash	22	3,588	11,201	10,917			3,872
1	Woodrow	1	328	382	472			238
1	Yellowstone	1	529	544		483		590
822	Total	3,444	259,079	1,328,635	1,046,713	266,424	6,458	268,119

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
First Quarter, 1955	3,984,702	44,274	3,964,504	44,050
April, 1955	1,328,635	44,287	1,313,137	43,771

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
March 31, 1955	259,079	428,250	541,857	1,229,186
April 30, 1955	268,119	375,872	637,899	1,281,890

*Includes Wyoming Oil

TRANSPORTER'S REPORT—Month of April, 1955

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK									
Trucks			5,643				5,643		
BANNANTYNE									
Trucks			243			243			
BIG WALL									
Trucks	2,324		22,823			11,262	11,917		1,968
BORDER									
Trucks			932			932			
BOWES									
Northern Pump Co.	1,227	9,977			(216)		10,154		1,266
The Texas Company	779	36,315				21,807	14,997		290
	2,006	46,292			(216)	21,807	25,151		1,556
BRADY-MIDWAY									
Trucks			121			121			
BRORSON									
Sun Oil Co.	1,107	6,227				6,227			1,107
CAB. CRK. & PINE UNIT									
Shell Oil Co.	25,804	134,435				48,222	86,131		25,886
CAT CREEK									
Continental Oil Co.	5,936	9,411			104	7,655			7,588
Wm. Hanlon		2,023				2,023			
	5,936	11,434			104	9,678			7,588
CLARK'S FORK									
Trucks			1,784				1,784		
CUT BANK									
Darling Gather. Sys.	2,977	33,106				29,289			6,794
Phil. Pet. Co.	85,736	48,152			1,007	40,907		28,852	63,122
The Tex. Pipeln. Co.	100,906	45,876		41,639	1,218	99,635		8,150	79,418
Toronto Pipe Line Co.	28,544	62,221			11			48,713	42,041
Union Oil Co.	104,335	33,944		44,076	712	102,109			79,534
	322,498	223,299		85,715	2,948	271,940		85,715	270,909
DRY CREEK									
Ohio Oil Co.	6,647	15,338				12,220			9,765
ELK BASIN									
Ohio Oil Co.		114,120				80,681	33,439		
FERTILE PRAIRIE									
Trucks			2,751				2,751		
FRANNIE									
Ohio Oil Co.		1,057					1,057		
GAGE									
Trucks			501			501			
GLENDIVE AREA									
The Tex. Pipeln. Co.	8,343	69,678			262	52,297	20,432		5,030
GOLDEN DOME									
Trucks			493				493		
HARDIN AREA									
Trucks			3,118				3,118		
IVANHOE DOME									
Trucks			1,967			1,967			
KEVIN-SUNBURST									
Big West Oil Co.	1,973	42,008				41,904			2,077
Homestake Oil & Gas	635	3,918				4,324			229
Texas Pipe Line Co.	10,238	48,281		2,120	122	50,239			10,278
Anna Aronow	403	1,921						2,120	204
	13,249	96,128		2,120	122	96,467		2,120	12,788
LITTLE BEAVER									
Shell Oil Co.			5,483			1,963	3,520		
EAST LITTLE BEAVER									
Shell Oil Co.			2,831			1,014	1,817		
MELSTONE									
Trucks			6,780		276	6,504			
MOSSER									
Trucks			1,053			1,053			
PONDERA									
Phillips Pet. Co.	29,265	33,124			(184)	33,672			28,901
POPLAR AREA									
East Poplar G. Sys.	3,985	267,605			1,491	376	267,684		2,039
Plastic Service									
Trucks			39,636				39,636		
	3,985	267,605	39,636		1,491	376	307,320		2,039
NORTHWEST POPLAR									
Trucks			3,578				3,578		
RAGGED POINT									
Trucks	841		2,020			2,020			841
REAGAN									
Union Oil Co.		17,922				17,922			
RICHEY AREA									
Shell Oil Co. & Trucks			14,024		4	14,020			
SOUTHWEST RICHEY									
Shell Oil Co.			8,554		3	8,551			
SOAP CREEK									
Trucks			7,364				7,364		
SUMATRA AREA									
Trucks	2,209		133,939			121,704	12,387		2,057
SWEET GRASS HILLS									
Homestake Oil & Gas Co.	2,712	2,151		9,284		9,515			4,632
W. Natural Gas Co.	1,324	8,765						9,284	805
Trucks			303			303			
	4,036	10,916	303	9,284		9,818		9,284	5,437
YELLOWSTONE									
Trucks			483			483			
GRAND TOTAL	428,250	1,047,575	266,424	97,119	4,810	833,665	527,902	97,119	375,872

BARRELS OF CRUDE OIL REFINED IN MONTANA

Month of April, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond A Co.	Farmers Union	Jet Fuel Refinery	Modern Oil Co. Inc.	Phillips Pet. Co.	The Texas Co.	Union Oil Co.	TOTAL BY FIELDS
Big Wall		12,993									12,993
Border									1,183		1,183
Bowes				19,659							19,659
Brady-Midway								121			121
Cabin Creek			16,151								16,151
Cat Creek			7,331			142					7,473
Cut Bank	24,100							40,819	55,722	105,145	225,786
Dry Creek					15,959						15,959
Elk Basin		56,047	24,634								80,681
Gage					501						501
Glendive Area					61,916						61,916
Ivanhoe Dome					1,967						1,967
Kevin-Sunburst	41,342								360		41,702
Little Beaver			1,963								1,963
East Little Beaver			1,014								1,014
Melstone					6,815						6,815
Mosser					1,053						1,053
Pine Unit			26,599								26,599
Pondera								32,458			32,458
Poplar											
Ragged Point		2,020									2,020
Reagan										17,922	17,922
Richey			14,020								14,020
Southwest Richey			8,551								8,551
Sumatra		77,085			62,082						139,167
Sweet Grass Hills	304								5,315		5,619
Yellowstone					484						484
TOTAL MONTANA OIL	65,746	148,145	100,263	19,659	150,777	142		73,398	62,580	123,067	743,777
South Dakota Oil, Imported			1,166								1,166
Wyoming Oil, Imported		411,400	124,502		203,073						738,975
TOTAL, MONTANA, SOUTH DAKOTA & WYOMING OIL	65,746	559,545	225,931	19,659	353,850	142		73,398	62,580	123,067	1,483,918

AVERAGE BARRELS PER DAY

	Montana	So. Dakota	Wyoming	TOTAL
Year, 1954	24,752	25	29,768	54,545
April, 1954	18,140	....	21,948	40,088
April, 1955	24,793	39	24,633	49,465

PERCENTAGE OF CRUDE REFINED

Montana	So. Dakota	Wyoming
45.37%	.06%	54.57%
45.25%	....	54.75%
50.13%	.08%	49.79%